***COMPLETE IN NOTEBOOK! COPY ALL FIGURES!***

CW30: Congruency & Rigid Motions

**Geometry**

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| 1. Triangles *ABC* and *PQR* are shown below in the coordinate plane. **../../../../../Desktop/Screen%20Shot%202016-05-15%20at%209.37.56%20AM** 2. Show that Δ*ABC* is congruent to Δ*PQR* with a reflection followed by a translation. 3. If you reverse the order of your reflection and translation, will Δ*ABC* still be congruent to Δ*PQR*? 4. Find a second way, different from your work in part (a), to map Δ*ABC* to Δ*PQR* using translation, rotations, and/or reflections. |